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FOREST GROVE, OREGON, MAY 15, 1907

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REGISTER

1906-1907

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REGISTER

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

S. B. Lawrence, 1906-1907

WITH ANNOUNCEMENTS FOR

1907-1908

FOREST GROVE, OREGON.

TRUSTEES.

PRES. WILLIAM N. FERRIN, ex-officio, Forest Grove.							
Term expires.							
HON. ALANSON HINMAN, Forest Grove1907							
FRANK M. WARREN, Portland1907							
HARVEY W. SCOTT, Portland1907							
MILTON W. SMITH, Portland1908							
NEWTON McCOY, Portland							
HON C E WOLVEDTON Doubland							
HON. C. E. WOLVERTON, Portland1909							
NAPOLEON DAVIS, Cleone							
*REV. MYRON EELLS, D. D., Twana, Washington1909							
HON. H. H. NORTHUP, Portland							
B. S. HUNTINGTON, The Dalles							
REV. J. R. WILSON, D. D., Portland1910							
REV. ELWIN L. HOUSE, D. D., Spokane, Wash1911							
REV. CEPHAS F. CLAPP, Forest Grove1911							
E. W. HAINES, Forest Grove1911							
STEPHEN A. LOWELL, Pendleton1912							
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N'APOLEON DAVIS,

PRES. W. N. FERRIN.

COMMITTEE ON TEACHERS.

PRES. W. N. FERRIN,

MILTON W. SMITH,

NAPOLEON DAVIS.

^{*}Obit. 1907.

FACULTY AND OFFICERS.

WILLIAM NELSON FERRIN,

A. B., University of Vermont, 1875; A. M., 1878. LL. D., University of Vermont, 1902.

President and Vermont Professor of Mathematics.

JOSEPH WALKER MARSH,

A. B., University of Vermont, 1857; A. M., 1860. A. M.,
Bishop's College, Canada. Ph. D.,
T. A. and P. U., 1883.

Professor of Greek and Latin and Instructor in Logic.

REV. HENRY LIBERTY BATES,

A. B., Oberlin, 1876; A. M., 1880. B. D., Oberlin Theological Seminary, 1881.

Principal of the Academy and Acting Professor of Mental and Moral Science.

MARY FRANCES FARNHAM.

Graduate of Mt. Holyoke and Student at Radcliffe.

Dean of Women and Professor of English Language and Literature.

*FRANK THOMAS CHAPMAN,

Graduate American Conservatory, 1893; Student of Murdough, Jacobson, Listeman, Tividar Nachez. Director of the Conservatory and Instructor in Piano and Violin.

*PAULINE MILLER CHAPMAN,

Graduate Chicago Conservatory; Student of Max Heinrich, Signor Marescalchi.

Instructor in Vocal Music.

WILMA WAGGENER,

Graduate of Pacific University Conservatory, 1904.

Acting Director of the Conservatory and Instructor in Piano.

^{*}On leave of absence in Germany till June, 1907.

†JOHN COLBURN BRIDWELL, B. S., Baker University, 1900, Professor of Biology.

ALEXIS BEN KORI,

Student, Patriarchal College Ain Traz, Beirut and Greek Pontifical College, Rome; A. M., Texas Christian University 1903.

Professor of Modern Languages.

FRED WESLEY ORR,

B. L., Drury College, 1901. Graduate of School of Expression, Boston, Mass.

Professor of English and Public Speaking.

ARTHUR CLINTON BOGGESS.

A. B., University of Illinois, 1902; Ph. D., University of Pennsylvania, 1906.

Professor of History and Political Science.

GEORGE HERBERT COONS, Illinois State Normal University, 1905. Instructor in the Academy.

CHARLES WILFORD COOK,
A. B., University of Michigan, 1904; M. S., 1906.

Professor of Chemistry.

CHARLES OSCAR CHAMBERS, A. B., Indiana University, 1891; A. M., 1895. *Professor of Biology*.

LILIAN PHERNE BAIN,
Pupil of F. V. Dumond and H. M. Walcott.
Instructor in Drawing and Painting.

HERBERT HAYES ARNSTON, Instructor in Stenography and Typewriting.

HOWARD HILL MARKEL, Physical Instructor.

M. EVELYN HURLEY,
Student of Madam Wetzel, in New York of Victor Harris;
also Graduate of F. X. Ames School of Voice Culture.

Instructor in Vocal Music.

MAUDE SHANNON, Student in Pacific University Conservatory. Instructor in Vocal Music.

> CORNELIA BARKER, Student of E. O. Spitzner. Instructor in Violin.

ETHEL MOSELEY,
Student in Pacific University Conservatory.
Instructor in Piano and Vocal Music.

FRANCES CLAPP,
Student in Pacific University Conservatory.

Instructor in Piano.

ARCHIE HAHN, LL. B., University of Michigan, 1904. Athletic Director.

PROFESSOR MARSH, Librarian.

PROFESSOR BOGGESS, Registrar.

PROFESSOR COOK, Clerk of the Faculty.

OLIVIA A. HASKELL, Matron, Marsh Cottage.

FORMER PRESIDENTS.

SIDNEY HARPER MARSH, D. D	.1854-1879
JOHN R. HERRICK, S. T. D	.1880-1883
JACOB FRANK ELLIS, D. D	.1883-1891
THOMAS McCLELLAND, D. D	.1891-1900

STANDING COMMITTEES.

LIBRARY AND READING ROOM,

Professors Marsh, Bates, Boggess and Farnham.

SCHEDULE OF RECITATIONS, Principal Bates and Mr. Coons.

CLASSIFICATION OF STUDENTS, Professors Boggess, Farnham and Bridwell.

ATHLETICS.

Mr. Coons, Principal Bates, Professor Bridwell, Messrs.
Lawrence, Mason, J. Ward, Humphreys, Haskell
Ferrin, Gwynn.

STUDENT PUBLICATIONS AND SOCIETIES, Professors Bridwell, Farnham and Cook.

FACULTY PUBLICATIONS, President Ferrin, Professors Orr, Farnham and Ben Kori.

ORATORICAL AND DEBATING COUNCIL, President Ferrin, Principal Bates, Professor Orr, Messrs. Sparks, A. C. Allen, Clapp, Aller, Misses Holmes, H. Chandler.

> COURSES OF STUDY, Professors Marsh, Bates, Ben Kori, Cook.

DISCIPLINE,

President Ferrin, Principal Bates, Professors Farnham, Boggess and Ben Kori.

LECTURES,
President Ferrin, Professors Orr and Marsh.

GENERAL INFORMATION.

HISTORY.

Pacific University owes its origin to missionary activity. In 1842 Rev. Harvey Clark came to Oregon as an independent missionary to the Indians, and located at West Tualatin, now Forest Grove. The idea of an institution of learning early took possession of his mind, and was partially realized in the establishment of a school near the site of the present college building, under the patronage of Mr. Clark and the direction of Mrs. Tabitha Brown.

In 1848 Rev. George H. Atkinson, D. D., came to Oregon as the representative of the American Missionary Society for the Northwest. Being urged, upon his departure for the West, by Rev. Theron Baldwin, Secretary of the American College and Education Society, to build in Oregon "an academy which should grow into a college," he cherished the idea, and upon his arrival early sought to carry it into effect.

In the accomplishment of this purpose he was most heartily supported by Mr. Clark. Acting together, they called a meeting of the Congregational and Presbyterian churches at Oregon City, on September 4, 1848. At this meeting it was decided to establish an academy with collegiate powers, and a Board of Trustees was chosen. On September 29, 1849, "a seminary of learning for the instruction of both sexes in science and literature, to be called Tualatin Academy," from the Indian name of the river and plain, was incorporated. Mr. Clark was first President of the Board of Trustees, in which capacity he served until his death, and Dr. Atkinson was elected first Secretary, a position which he held for forty years. Hon. A. Hinman, of Forest Grove, President of the Board of Trustees, is the only member of the original

Board of Trustees serving today. The late Hon. Henry Failing acted as a member of the Board and Treasurer from 1870 until his death. The late Henry W. Corbett was Trustee from 1858 until his death in 1903, and served as Treasurer from 1861 to 1865.

Through the gift of Mr. Clark and others a campus was secured and land for the site of a village as the basis of an endowment. An old log schoolhouse served the purpose for recitations until the first building was begun in 1850. In 1852 Dr. Atkinson made a journey East in the interest of the institution and secured the endorsement of the American College and Education Society.

The services of a teacher were guaranteed by the Education Society, and Rev. S. H. Marsh, a student in Union Theological Seminary, was secured. Coming from a prominent line of educators in Vermont University, he brought to his work high standards, and upon his arrival the scope of the work was enlarged. In January, 1854, new articles of incorporation were granted, and a collegiate department called Pacific University was added to Tualatin Academy.

Through three successive efforts of Dr. Marsh the endowment was increased. The following names taken from a list of early contributors are an indication of the patronage through which the institution was established: S. F. B. Morse, inventor of the telegraph, and S. E. Morse, his brother; William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, D. W. James, Vice-President of American Board; Frederick and Mrs. Billings, A. S. Hatch, Edward Everett, S. D. Warren, Dr. E. N. Kirk, David Whitcomb, John Tappan, A. S. Barnes, P. L. Moen, C. P. Huntington.

The necessity of a faculty for the collegiate department soon became apparent, and among those who came at various times as associates to Dr. Marsh were Rev.

Horace Lyman, E. A. Tanner, late President of Illinois College; G. H. Collier, Joseph W. Marsh, A. J. Anderson, ex-President of Washington University and Whitman College; Thomas Condon, of the Oregon State University; W. N. Ferrin and W. D. Lyman.

On the death of Dr. Marsh in 1879, Rev. John R. Herrick was chosen President, and the building known as Herrick Hall, and destroyed by fire in 1906, was constructed as a dormitory for young women, during his administration. In 1883, Rev. J. F. Ellis, D. D., was elected President, serving until 1891. Rev. Thos. McClelland, D. D., was the fourth President, being elected in 1891, and continuing till 1900. In the administration of President McClelland, the building bearing the name of Marsh Hall was erected, the number of the faculty increased, the scope of the work enlarged and the endowment increased by the gift of \$50,000 from Dr. D. K. Pearsons, and \$100,000 from Dr. E. H. Williams, J. H. Converse, H. W. Corbett, Henry Failing and a large number of others. At the Annual Meeting of the Board of Trustees in June, 1903, William N. Ferrin, who had served as Acting President for three years, was elected President.

AIMS.

Tualatin Academy and Pacific University was founded in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not entirely dependent for its support upon the tuition paid by its students, and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is able to maintain thorough standards of scholarship in all grades of study.

LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 2,000 inhabitants. It is situated on the Southern Pacific Railroad, West Side, twenty-six miles from Portland, and is easily reached by four trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location, healthful climate and well-deserved reputation for general good order make Forest Grove a suitable home for students.

BUILDINGS.

The buildings are situated on a campus of thirty acres, covered in part with a growth of native oaks and spruce, and commanding a fine view of the surrounding mountains.

Marsh Memorial Hall. This building, raised in commemoration of ex-President Sidney Harper Marsh, is constructed of brick with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well lighted and ventilated, and is heated throughout by hot water.

THE SCIENCE HALL. The Science Hall, which is the original college building, affords a lecture room and separate laboratories for chemistry, biology and physics.

Hall for Young Women. A new Hall of Residence for Young Women has replaced Herrick Hall, which was burned in March, 1906. The new building is three stories high in addition to a good basement with cemented floor. The equipment is modern in every detail. A hot water heating plant, electric lights, bath and toilet rooms on every floor, hot and cold water in each room, and fire escapes insure both comfort and safety. On the ground floor are the dining hall, parlors, music and art rooms. Easy stairways

lead to the upper floors where both single and double rooms are arranged; in a few cases connecting doorways make it possible to use two rooms together. The rooms are furnished with single beds which can be made up like lounges to give a more home-like appearance. All the furniture is new and attractive. In addition to the furnishings which the institution provides, the occupants are required to bring towels, table napkins, and the necessary bedding except mattresses, pillows and spreads. Whatever else individual taste may suggest will be brought from home. All pictures must be hung from the picture moulding.

A good laundry in the basement gives opportunity to those who wish to do their own washing or ironing.

This new Hall of Residence, like Herrick Hall, will be the center of a pleasant family life under only such restrictions as the customs of good society and the best interests of the household require. The Dean of Women and several other members of the faculty reside in the Hall, and the dining-room is open to young men.

Unless by special arrangement, it is expected that all young women whose homes are away from Forest Grove will reside in the Hall.

A Bulletin with floor plans and prices of rooms will be sent to all patrons of the University, that choice of rooms may be made with application for admission. For further information please apply to the President, the Dean of Women, or the Matron.

ACADEMY BUILDING. This building is used for recitation and study rooms for the first two Academy classes.

GYMNASIUM. The gymnasium affords opportunity for athletic exercises, and is open to students under proper restrictions.

LIBRARY. Owing to the necessity of securing funds for the erection of a hall for women, during the past season, the canvas for funds to meet Mr. Andrew Car-

negie's offer for a library building was temporarily suspended. It is hoped that the project may soon be carried out as originally contemplated.

APPARATUS AND COLLECTIONS.

The laboratories of chemistry, physics and biology have the usual equipment for laboratory work in these sciences as well as some apparatus of a more special character, and are well furnished with gas and electricity.

The Mathematical Department is supplied with a valuable set of engineering instruments. Through the kindness of friends at the East a fine stereopticon has been provided for the use of the institution.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region), belonging to the College, constitutes the collection of plants accessible for study.

The Oregon World's Fair exhibit of native plants, consisting of 480 species, has been deposited in the College Museum.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the Government, are received daily and displayed by the University.

Contributions to the Library and Museum are solicited, and may be sent to any member of the Faculty.

LIBRARY AND READING ROOM.

The College Library now numbers about 14,000 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is quite well supplied. During the year 1906-07, about 500 volumes have been added, by gift, purchase and binding.

The Library is a public depository of Government publications, which are available for reference to the public free of charge. The general library may be used by alumni of the College for a fee of \$3.00 per year and by others for \$5.00 per year.

The Reading Room, which is supplied with a well-selected list of leading magazines and periodicals, including religious and secular newspapers of different denominations and parties, is open to all students.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well-disposed, or who are too wayward for home restraint. To such as are earnest it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each semester. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rule of good manners and good morals; they are expected to be orderly, faithful, respectful and honest,

and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

A detailed pamphlet of regulations will be given to each student upon entrance and furnished to all patrons upon request.

On or before the second Friday before the last Monday of each semester, each student is expected to file with the Registrar or Principal a list of his studies for the next semester.

CLASS STANDING.

In determining the average standing for a semester, the average daily standing will count two-thirds, and the final examination one-third. Every student whose average daily standing in any study is above 95, will be excused from examination in such study at the end of the semester.

WOMEN.

Young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each semester, and charges for rooms and board in College buildings in advance at the beginning of each half-semester, to the Financial Secretary.

College Tuition, per semester.....\$25.00 Academy Tuition, per semester..... 17.00

Each student pays an incidental fee of three dollars per semester, to be used for library, reading room and athletics.

A fee of fifty cents, to be paid to the Financial Secretary, will be charged for any special or extra examination, and a receipt therefor must be presented at time of examination.

Laboratory fees in chemistry are:

Courses	i,	II,	per	semester	 	 \$	3.00
Course	III,	a	half	year	 	 	5.00
Course	IV,	a	half	year	 	 	5.00

The fees in Elective Courses will be adjusted according to credits earned. Breakage is to be paid for in addition.

For college studies in the Department of Biology there is a fee of \$1.50 per semester for each course consisting of four hours per week or \$2.00 for each course of six hours.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study, full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the semester, except in cases in which they are excused before the middle of the semester, on account of their own sickness, in which event the tuition for the latter half of the semester will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each semester the Treasurer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made. It is estimated that the average necessary expenses for a college year range from a minimum of \$150 to a maximum of \$300.

BOARD AND ROOM.

Women's Hall. The price of room rent, including heat and light, is, for the present, from \$1.25 to \$2.00 per week for each occupant, according to the size and location of rooms. Table board is \$3.00 per week.

Good board may be obtained on the club plan at actual cost, which during past years has averaged about \$2.00 per week.

Rooms and board may be obtained in private families in the town.

STUDENTS' AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education need fail in the attempt.

Through a bequest of \$10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. There is also a Benedict Scholarship Fund of over \$2,000. The income received from these funds is applied to assist worthy students whose circumstances require it. Any one who indulges in the use of tobacco or has any other expensive habit will be debarred from such aid. Application for aid must be made each term to the President. Sons and daughters of ministers and missionaries in actual service are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

SCHOLARSHIPS.

A scholarship, consisting of tuition for one year, will be given to the student attaining the highest rank in the graduating class in any of the schools in the accredited list.

CORPORATE NAME.

The corporate name of this institution is "The President and Trustees of Tualatin Academy and Pacific University."

COLLEGE LIFE.

RELIGIOUS CULTURE.

This is a Christian institution and aims to give its students a thorough education; it believes that the highest intellectual culture, and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. At the same time it seeks to avoid a narrow sectarianism; it opens its doors to students of all denominations.

All students are required to attend a daily devotional service at the chapel and church services at least once on Sunday. The churches of the town represent the following denominations: Congregational, Christian, Methodist and Free Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

CHRISTIAN ASSOCIATIONS.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students and prayer-meetings are held every Tuesday evening, to which all students are invited. Classes for

Bible study and Mission study, following the plan of the International Committee, are maintained by both associations.

A room in Marsh Hall is suitably furnished for the use of these societies. A useful handbook is published each year and may be had by applying to the Presidents of the associations.

LITERARY SOCIETIES.

There are four literary societies for the students—the Gamma Sigma and Alpha Zeta for the men, and the Philomathean and Kappa Delta for the women. These are open to all the students. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations, and discussions are presented and a familiarity with parliamentary rules is gained. Suitable rooms are provided for the societies in the College buildings. Students participate in oratorical contests and intercollegiate debates and have had their share of victories.

ATHLETIC TRAINING.

The gymnasium is open to all students during certain hours daily. A bowling alley is maintained in the basement of Marsh Hall.

A four-lap running track with grandstand is situated on the College athletic field. Football and field and track athletics are fostered and encouraged. During the Spring of 1907, the field and track athletics was under the management of Mr. Archie Hahn, of Michigan, as trainer, who holds four United States championships and four world's championships, including in the latter the world's championship in the 100-meter race, won in the Olympian games at Athens, in 1906.

Gymnasium facilities are open to young women and basket-ball teams have been maintained the past year.

All athletic matters are under the charge of a committee consisting of three members of the Faculty and six from the student body.

TENNIS.

The students also maintain a flourishing tennis club, with two courts on the campus.

ARCHERY.

The Maurice Thompson Archery Club has had a range on the campus for several years. It numbers among its members several of the Faculty besides some of the townspeople, including the captain of the club, Mr. F. S. Barnes, the maker of Oregon yew bows.

SOCIAL UNION.

The Social Union is an organization maintained by the members of the faculty, college students and resident alumni for social purposes. At least three meetings a year are held, at which a paper is presented and followed by informal discussion. During the past year the following papers were presented: "Among the Poor in Philadelphia," by Dr. A. C. Boggess; "The Evidence of the Senses," by Professor H. L. Bates; "The Value of Graduate Study," by Rev. Horace M. Ramsey, P. U. '99, Vicar St. Stephen's Pro-Cathedral, Portland, Ore.

THE COLLEGE.

TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

The course given in Tualatin Academy or its equivalent is required for entrance to College. For further information, see pp. 45-53

ACCREDITED SCHOOLS.

Graduates of any school having a course of study equivalent to that of Tualatin Academy and which has been approved by the Faculty, after personal visitation or examination of the course of study, will, when recommended by the principal of the school for admission to any college course, be admitted without examination. Schools may be accredited for partial fitting, and students will be required to pass examinations only in such subjects as are not credited in the entrance requirements.

The following schools have been placed upon the accredited list for full or partial credit:

Portland Academy, Portland High School, Astoria High School, Tacoma High School, Puget Sound Academy, Weiser Academy, Pendleton High School, Pendleton Academy, Heppner High School, Oregon City High School, Vancouver High School, The Dalles High School, La Grande High School, Roseburg High School, Baker City High School, Medford High School, Ashland High School.

Schools which desire to have their pupils thus admitted are requested to send to the Secretary of the Faculty their courses of study.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

DEGREES.

BACHELOR OF ARTS.

The degree of Bachelor of Arts will be conferred on those who complete any of the following groups of study: Classical, Greek-Philosophical, Latin-Mathematical, Chemical-Biological, Literature and Historical-Political.

The fee for diploma is \$5.00, payable in advance.

MASTER OF ARTS.

The Master's Degree in course may be conferred upon the following classes of students:

- I. Graduates of this or any approved institution of learning of equal rank, who have received the corresponding Bachelor's Degree, and who have taken one year's approved resident graduate study, equal in amount to a full year in college—pursued in at least two departments—and who have passed a satisfactory examination in each subject and presented a satisfactory thesis.
- 2. Graduates of this University who have completed a course of at least two years' professional study at an approved institution of learning and have presented a satisfactory thesis.
- 3. Graduates of this University who have completed two years of non-resident graduate study, other than professional in at least two branches, under the direction of the Faculty, and who have passed an examination in each subject and presented a satisfactory thesis.
- 4. Graduates of this University who, after graduation have spent three years in successfully teaching the higher branches in a classical or scientific institution of

approved standing, and have furnished satisfactory evidence of special work in some line of advanced or professional study and who have presented a satisfactory thesis.

The fee for diploma is \$5.00, and in case of resident study, the tuition shall be the same as that required of undergraduates.

The higher degrees given above are based on a four years' college course.

SPECIAL STUDENTS.

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

OUTLINE OF COLLEGE COURSES.

GROUP I.			GROUP II.				
CLASSICAL.			LATIN-MATHEMATICAL				
Freshman Year.	S1	S2	Freshman Year.	S1	S2		
Latin, I, II, Greek, I, Mathematics, I, II,	5 5	4 5	Latin, I, II, III, Mathematics, I, II, II Biology, I, II, or	5 I, 5	4 5		
Literature, I, II, History, I, II, or III,		2	Chemistry, I, II, Literature, I, II,	$\frac{3}{2}$	3 2		
IV, Electives,	3	3 6	Electives, Bible,	1	1		
Bible,	1		Sophomore Year.	S1	S2		
Sophomore Year. Greek, II, III, IV, Latin, IV, III,	S1 4	S2 4	Latin, VI, Mathematics, IV, V, Biology, III, or	5,	2 5		
Latin, IV, III, English, I, II, Biology, I, II, or	2	4 2	Chemistry, III, English, I, II,	3 2	2		
Chemistry, I, II,	3	3	Modern Languages, Electives,	5	5 1		
Electives, Bible,	4	2 1	Bible,	1	1		
Junior Year.	S1	S2	Junior Year.	S1	S2		
Latin, V, VI, Greek, V,	3	4	Latin, IV, V, Astronomy,	2	2		
Modern Languages, Political Economy, I,	5	5	Modern Languages, III, IV, History, I, II or III	4	4		
II, Public Speaking, I, II,	3	3	IV,	3	3		
Electives,	2	$\frac{2}{1}$	Public Speaking, I, II, Electives,	2	2		
Bible,	1	1	Bible,	1	1		
Senior Year.	S1	S2	Senior Year.	S1	S2		
Philosophy, I, Philosophy, II, III,	3 2	2	Philosophy, I, Philosophy, II, III,	3 2	2		
Philosophy, IV,	3		Philosophy, IV,	3			
Philosophy, V, Theses,	1	4	Philosophy, V, Theses,	1	4		
Electives, Bible.	6	8	Electives,	6	8		
Dible,	T	1	Bible,	1	1		

OUTLINE OF COLLEGE COURSES—Continued.

GROUP III.		GROUP IV.				
GREEK-PHILOSOPH- ICAL			CHEMICAL-BIOLOGICAL			
Freshman Year.	S1	S2	Freshman Year. S1 S2			
Latin, I, II, III, Greek, I,	5	4 4	Mathematics, I, II, 5 5 Biology, I, II, or			
Mathematics, I. II,	5	5	Chemistry, I, II, 3 3 Modern Languages 5 5			
Modern Languages, Electives,	5	5 2	English, I, II, 2 2			
Bible,	1	1	Literature, XI, 3			
Sophomore Year.	S1		Electives, 2 Bible, 1 1			
Greek, II, III, IV,	4	4	Sophomore Year. S1 S2			
History, I, II, or III, IV,	3	3	Biology, I, II, or III,			
Literature, I, II,	2	2	IV, 3 3			
Biology, I, II, or	•		Chemistry, I, II, or III, IV, 4 3			
Chemistry, I, II, English, I, II,	3 2	3 2	Modern Languages, I,			
Electives,	1	1	III, 4 4			
Bible,	1	1	Literature, I, II, 2 2 Electives, 2 3			
Junior Year.	S1	S2	Bible, 1 1			
Greek, V, VII, Latin, IV, V, VI,	3	2	Junior Year. S1 S2			
Latin, IV, V, VI,	2	4	Biology or Chemistry 6 6			
Biology, III, or Cheristry, III,	n- 3		History, I, II, or III,			
History, VIII, IX,	2	2	IV, 3 3			
Philosophy, I,	3		Political Science, I, II, 2 2 Electives, 4 4			
Public Speaking, I, I Electives,	1, 2	2 5	Bible, 1 1			
Bible,	1	1	Senior Year. S1 S2			
Senior Year.	S1	S2				
Philosophy, II, III,	2	2	Biology or Chemistry, 3 3 Philosophy, I, 3			
Philosophy, IV,	3	~	Philosophy, II, III, 2 2			
Philosophy, V,		4	Philosophy, V, 4 Geology, 5			
Philosophy, VI, Theses,	1	3 1	Geology, 5 Theses, 1 1			
Electives,	9	5	Electives, 6			
Bible,	1	1	Bible, 1 1			

OUTLINE OF COLLEGE COURSES—Continued.

GROUP V.	GROUP VI.				
HISTORICAL-POLITI CAL.	LITERATURE.				
Freshman Year. S1	S2	Freshman Year.	S1	S2	
History, I, II, 3	3	Literature, I, II,	2	2	
Literature, I, II, 2 Mathematics, I, II, 5	2 5	Literature, XI, History, III, IV,	3	3 3	
Modern Languages, 5	5	Mathematics, I, II,	5	5	
Electives, Bible, 1	5 1	Modern Languages,	5	5	
		Electives, Bible,	1	2 1	
Sophomore Year. S1 History, III, IV, 3	S2 3		C-1		
Political Economy,	3	Sophomore Year.	S1	S2	
IV, V, 2	2	Literature, V, VI,	$\frac{3}{2}$	3 2	
English, I, II, 2 Modern Languages,	2	English, Í, IÍ, Modern Languages,	~	.5	
III, IV, 4	4	III, IV,	4	4	
Biology, I, II, or Chemistry, I, II, 3	3	Biology, I, II, or Chemistry, I, II,	3	3	
Electives, 1	1	Electives,	3	3	
Bible, 1	1	Bible,	1	1	
Junior Year. S1	S2	Junior Year.	S1	S2	
History, VIII, IX, 2	2	Literature, III, IV,	2	2	
Political Economy, I, II, 3	3	Literature XIII, XIV History of Art, I, II,	, 3 3	3 3	
Public Speaking, I, II, 2	2	Public Speaking, I, II		2	
Biology, III, or		Electives,	5	5	
Chemistry, III, 3 Philosophy, I, 3		Bible,	1	1	
Electives, 2 Bible, 1	8 1	Senior Year.	S1	S2	
		Literature, V, VI,	3	3	
Senior Year. S1	S ₂	English, III,	2		
History, V, VI, 2 Political Science, I, II, 2	$\frac{2}{2}$	Political Economy, IV, V,	2	2	
Political Science, III, 3		Philosophy, I,	3		
Philosophy, II, III, 2 Philosophy, V,	2 4	Philosophy, II, III, Philosophy, V,	2	$\frac{2}{4}$	
Theses, 1	1	Theses,	1	1	
Electives, 5	4	Electives,	2	3	
Bible, 1	1	Bible,	1	1	

GROUPS.

Students entering the College are allowed the option among six groups of studies. It is expected that students will choose with care and after consultation with members of the Faculty such group as best meets their purpose in seeking an education. Each group is so constituted that it will give breadth of training and at the same time continuous and thorough training along some special line. Students having made their choice of a group are not allowed to change without a most satisfactory reason and by vote of the Faculty.

For securing a degree 128 credits are necessary, and a credit means one exercise per week in a class, with at least two hours of outside work, for a semester.

Each group allows a certain number of credits for free electives. Students may elect such work as is offered along the line of their group or they may elect any study that is contained in the other groups. When a course runs through a year it must be elected for the year unless the instructor allows otherwise. The Faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class. Elementary courses taken as electives in the upper years of college may not count for the same number of credits as when taken earlier.

DEPARTMENTS AND METHODS OF INSTRUCTION.

PHILOSOPHY.

PROFESSOR MARSH, PRINCIPAL BATES.

PROFESSOR MARSH.

- I. Logic. Jevons' Logic as recast by Hill is the text-book used in this course. Frequent exercises in the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Three credits, first semester.

 PRINCIPAL BATES.
- II, III. PSYCHOLOGY. The principles of this subject are taught by means of text-book and informal lectures. Text-book, James. Essays are required upon appointed themes, and a course of selected reading is marked out and required. Two credits through the year.
- IV. EVIDENCES OF CHRISTIANITY. This subject is taught by text-book, due consideration being paid to the current phases of thought. Wright: Logic of Christian Evidences. Three credits, first semester.
- V. ETHICS. In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Fairchild: *Moral Science. Four credits, second semester.*
- VI. Introduction to Philosophy. This course is designed to introduce the student to the history, methods and problems of philosophy. Lectures and recitations. Text-book, Weber's: History of Philosophy. Three credits, second semester.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR BOGGESS.

HISTORY.

- I, II. MEDIEVAL AND MODERN HISTORY. Three credits through the year. (Omitted in 1907-08.)
- III, IV. English History. Three credits through the year.
- V, VI. HISTORY OF EUROPE SINCE 1814. Two credits through the year.
- VII. HISTORY OF AMERICA BEFORE 1750. Two credits, second semester.
- VIII, IX. HISTORY OF THE UNITED STATES SINCE 1750. Two credits through the year. (Omitted in 1907-08.)
- X, XI. STUDIES IN UNITED STATES HISTORY. A research course aiming to give the student some training in the use of historical material. Open to students who have had courses VII, VIII, or IX, or their equivalent. Either semester may be taken separately. Two credits through the year.

POLITICAL SCIENCE.

- I, II. Comparative Study of Constitutions. Two credits through the year. (Omitted in 1907-08.)
- III. International Law. Three credits, first semester.
- IV. COLONIAL GOVERNMENT. A study of the principal form of colonial government throughout the world and of present conditions in the American colonies. Two credits, second semester.

POLITICAL ECONOMY.

- I, II. Economics. Three credits through the year.
- III. Studies in Economics. A research course open

to students who have had courses I and II. Two credits, first semester. (Omitted in 1907-08.)

IV, V. Sociology. Two credits through the year. (Omitted in 1907-08.)

VI. STUDIES IN SOCIOLOGY. A research course in which sociological topics of current interest are investigated. Open to those who have had courses IV and V. Two credits, first semester.

LATIN AND GREEK.

PROFESSOR MARSH.

LATIN.

- I. LIVY. Book I. Besides the history of the period special attention is here paid to Roman antiquities. *Three credits, first semester*.
- II. TACITUS. Germania and Agricola. Two credits, first semester.
- III. HORACE. Selected Odes and Satires, Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Four credits, second semester.
- IV. CICERO. Selections from De Oratore or De Officiis. Two credits, first semester.
- V. QUINTILIAN. Selections from De Institutione Oratoria are read, which present some of the leading principles of Rhetoric. Two credits, second semester.
- VI. TERENCE. Andria. Two credits, second semester.
- VII. CICERO. Elective. De Amicitia, De Senectute. Three credits, first semester.

GREEK.

I. HERODOTUS. Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. Four credits, second semester.

- II. Homer. Two or more books of the Iliad. Four credits, first semester.
- III. THUCYDIDES. Selections. Two credits, second semester.
- IV. Sophocles. Antigone or Electra. The study of the Greek drama is taken up by lectures and collateral readings. *Two credits, second semester.*
- V. Plato. Apology and Crito. Three credits, first semester.
- VI. Plato. Elective. A farther study of Plato's writings, and of Greek Philosophy than is possible in the required course is undertaken in this course. Two credits, second semester.
- VII. DEMOSTHENES. De Corona. Two credits, second semester.

GREEK AND LATIN TESTAMENTS. Those in the Classical and Greek Philosophical Groups use the Greek text and those in other Groups use the Latin. In alternate years selections will be read from the Gospel or Acts, and from the Epistles. One credit through the Freshman and Sophomore years.

MODERN LANGUAGES.

PROFESSOR BEN KORI.

GERMAN.

- I, II. The whole German grammar—text-book to be selected. Grimm's Kinder and Hausmaerchen. Der Neffe als Onkel (Sanborn) and another text-book, such as Uhland's Ballads. Five credits through the year.
- III, IV. Schiller's Wilhelm Tell. Freytag's Karl der grosse, with other selections from his writings. Lessing's Minna von Barnhelm. Themes assigned on the History of German Literature—a modern text on this

subject will be adopted. Four credits through the year.

V, VI. Goethe's Iphigenie. Goethe's Faust. Part I, and if there will be ample time, Part II. Readings of Old German selections. Rapid review of German Literature. Three credits through the year.

Note.—The number of text-books may be increased or decreased according to capacity of students.

FRENCH.

- I, II. The whole French grammar (Fraser and Squair). Labiche's La Poudre aux Yeux. Moireau's La Guerre de l'independence en Amerique, etc. Five credits through the year.
- III, IV. Daudet's La belle Nivernaise. Dumas' La Tulipe Noire. Moliere's Les Precieuses Ridicules or another of his comedies. History of contemporaneous French Literature. Balzac's Eugenie Grandet or another of his stories. Four credits through the year.
- V, VI. Racine's Athalie. Corneille's Le Cid or Le Menteur. Selections from Montaigne or St. Simon. History of Classical French Literature. Extracts from La Chanson de Roland, and from other Chansons de geste, Romans, etc., from the 12th down to the 16th century. Schwan-Behren's Grammaire de l'ancien francais will be used. Three credits through the year.

SPANISH.

- I, II. The whole of the Spanish grammar (Ramsey). Carrion's Zaragueta, Moratin's El si de las Ninas or Valera's El Pajaro Verde. Four credits through the year.
- III, IV. Episodes from Galdos' Dona Perfecta, Alarcon's El Capitan Veneno. Nunez' El Haz de Lena, History of Spanish Literature. Three credits through the year.

V, VI. Vega's La Vida es Sueno. Readings from Don Quijote. Readings with special attention to philology, from old Spanish documents such as Los Reyes Magos, El Cid Campeador. Text: Keller's Altspanisches Lesebuch. Three credits through the year.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR FARNHAM.

- A. Language. Rhetoric is a prerequisite of all work in English Composition. Students who are conditioned in that subject can take the course required in the fourth year of the Academy. The aim of this department is to acquire the art of clear and forceful expression of thoughts related to the affairs of life, to cultivate a style that is sincere and natural, and to gain an appreciation of the best writers. Practice in composition is an important element in several of the courses in Literature, and in addition to the work of this department opportunities for practical application are offered under the Department of Public Speaking.
- I, II. Daily Themes. These courses presuppose a knowledge of the principles of Rhetoric. Daily themes on the basis of the paragraph; occasional long themes; lectures; criticism of themes in class; and individual conferences.
- I. Daily Themes to develop good style in writing by means of studies of daily experience.
- II. The treatment of current events in the form of short editorials and reports. It is the aim of this course to meet the special needs of journalistic work. It is expected that the two courses shall be taken in sequence. Two credits through the year. Required in all courses.
- III. LITERARY CRITICISM. This course gives an opportunity for study of the best English prose by analysis

and extensive reading; frequent exercises in composition cultivate expression in literary form. Two credits, first semester.

- B. LITERATURE. The different courses in Literature aim not only to give the student a general acquaintance with works of the best writers in relation to the life and thought of their time, but also to develop an appreciation of good reading and to cultivate a literary style. To acquire independence of thought and ease of expression frequent reports, both oral and written, are presented. In addition to the courses described other electives will be offered as the requirements of the Literature Group may demand.
- I, II. HISTORY OF ENGLISH LITERATURE. In these courses emphasis is laid upon the great creative periods of English Literature by means of lectures, collateral readings and reports. It is expected that the two courses will be taken in sequence; prerequisites of all other courses in English Literature. Semester I. A study of English Literature through the Elizabethan Period. Semester II. To the Nineteenth Century. Two credits through the year.
- III, IV. Great Makers of English Poetry. The object of these courses is to give an acquaintance with the life and work of three of the great English poets, their relation to literary history, and the development of the language. Although the study is more complete when these courses are taken in chronological order, at the discretion of the instructor students may elect either course separately.
 - III. Chaucer preceded by study of The Beowulf.
 - IV. Spencer and Milton. Two credits each course.
- V, VI. THE ENGLISH DRAMA. This course consists of a preliminary study of the early drama, a critical study of representative plays of Shakespeare, and when time permits one or two plays illustrative of the later

drama. The selection of plays is changed from year to year that students who wish to continue the study of Shakespeare may do so with advantage.

These courses may precede or supplement the work in dramatic expression in the Department of Public Speaking. Three credits through the year.

VII, VIII. NINETEENTH CENTURY POETRY. The aim of these courses is to obtain a conception of the intellectual and imaginative development of each poet by a study of his work in relation to his environment and time. Lectures and collateral readings with frequent reports, also a critical study by each student of some assigned subject in connection with the work. The courses may be taken separately.

VII. Poetry of the first half century.

VIII. Poetry of the second half century. Three credits through the year.

IX, X. The aim of these courses is to give a comprehensive study of the leading prose writers in connection with the political, religious and social changes that have influenced the life of the Nineteenth Century, also to show the influence upon the literary style of English prose. The courses may be taken separately.

IX. Beginning with the Reviewers to the close of the first half century.

X. Prose of the second half century. Two credits through the year.

XI. AMERICAN LITERATURE. After a brief preliminary study of early American writers the representative writers of the nineteenth century are studied in detail. The course is conducted by means of lectures, readings from the authors, and written reports. Three credits, second semester.

XII. THE ENGLISH NOVEL. This course is designed to give a brief outline of the art of fiction, and more

especially to enable the student to discriminate the best works of English and American story writers. Three credits, one semester.

XIII, XIV. GENERAL LITERATURE. This course consists of a study of Oriental and European Literatures through English translations. Representative works are studied in relation to the age and country in which each selection was produced. Among the works studied are the Book of Job, The Odyssey, The Divina Commedia, and Faust, closing with a short study of Celtic Literature.

XIII. Study of the Ancient Classics through the best translations.

XIV. Dante, Faust supplemented as occasion permits by some other modern classic. Three credits through the year.

- C. The History of Art. That students may have an opportunity to become familiar with the nature of the Beautiful, its different forms of expression and their correlation through Literature, a course in The History of Art with special reference to interpretation. Lectures, readings, and study of representative forms by the aid of photographs and prints. The Library of the University contains a constantly increasing number of books which are helpful in this course.
 - I. Architecture and Sculpture.
 - II. Painting.

Three credits through the year.

III. Travel Study. This course consists of a historical and literary study of leading art centers of Europe that the student may appreciate their relation to literature and art. Lectures and topical study, supplemented by photographs and readings from Ruskin, Hawthorne, Hewlett and other authors.

A half semester course for Freshmen who do not take engineering.

Four credits, last eleven weeks, second semester.

PUBLIC SPEAKING.

PROFESSOR ORR.

The work in this department covers all phases of Public Speaking. Its purpose is to develop the expressive powers of the student, to broaden and develop his personality; to awaken the imagination and dramatic instinct. It is elective to all students except Juniors, who are required to take work equivalent to two credits through the year.

I. Forensics. A careful study is made of the principles of argumentation. Drill in argumentative speaking. Vital questions of the day are discussed in class. Especial emphasis is laid on rebuttal work. Criticisms are made by the instructor at the close of the recitation.

Text-book, Principles of Argumentation by Baker & Huntington. Two credits, first semester.

II. ORATORY. This course is thoroughly practical. The student is led to discover for himself the principles of oratorical composition by studying masterpieces of oratory for structure and spirit. He is led to imbibe their spirit by speaking these orations before the class in his own words. Then, after much reading on some subject of vital interest, the student outlines an original oration. From this outline he speaks extemporaneously with true oratoric spirit, and his oration is developed before the class, step by step. When he has worked it out in this manner, he is then ready to write. The ultimate aim of the course is a finished oration. Two credits, second semester.

III. VOCAL EXPRESSION AND DELIVERY. This course consists in the special training of each speaker for the development of a vocabulary of delivery. Ex-

pression is improved by stimulating the cause which is in the mind and by developing the organic means, the voice and body. Everything is done to stimulate the right action of the mind so that *expression* will be the result of *impression*. The voice and body are trained to be more responsive to the mind. Mannerisms and faults are eradicated through helpful criticisms.

Text book, Lessons in Vocal Expression, by Dr. S. S. Curry. Two credits, first semester.

- IV. Vocal Expression and Delivery. Continuation of Public Speaking III. Two credits, second semester.
- V. Forensics. A continuation of Public Speaking I. This is an advanced course in argumentation and debate. Each member of the class is required to hand in carefully prepared briefs and bibliographies on questions of the day which are assigned from time to time. These questions are then debated in class, where emphasis is laid on team work. Two credits, first semester.
- N. B.—Public Speaking I must be completed before course V can be taken.
- VI. ADVANCED VOCAL AND PANTOMIMIC EXPRESSION. Courses III and IV must be completed before this course can be taken. This course will consist of more technical training in voice. Harmonic gymnastics for the development of poise and bearing. Interpretation of the different forms of literature. Criticism. *Three credits, first semester*.
- VII. Continuation of course VI. Three credits, second semester.
- VIII. Drama. In this course the drama is studied from the dramatic and interpretive point of view. Plays, Shakespearean and modern, are studied. Interpretive character sketches are made of the principal characters. The lines of the principal scenes are memorized, the

business carefully planned, and after several rehearsals the scenes are presented before the class. Two credits, first semester.

IX. Drama. Continuation of course VIII, including the dramatization of some novel or dramatic poem. Each student is also required to write a short original play. Two credits, second semester.

Note.—Private courses in Expression, Vocal Training, Pantomime and the Interpretation of Literature can be arranged for with the instructor.

MATHEMATICS.

PRESIDENT FERRIN AND ----

- I. ADVANCED ALGEBRA. This course includes Theory of Quadratics, Imaginaries, Indeterminate Equations, Variation, Progressions, Binomial Theorem, Logarithms, Undetermined Coefficients, Graphs. For all Freshmen. Four credits, first semester to the Christmas recess.
- II. TRIGONOMETRY. Plane and spherical. Demonstration of fundamental formulæ, theory and use of logarithmic tables, solution of triangles. Special attention is given to practical applications. Four credits, first semester after the Christmas recess, second semester, first seven weeks.
- III. Engineering. This course consists largely of field work and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contour lines of some of the streets of the town; in the use of the Engineer's Transit in laying out railroad curves, etc. Attention is given also to the plotting of areas and lines. Three credits, second semester, last eleven weeks.

- IV. Plane Analytical Geometry. Equations of straight line, and conics. Brief treatment of higher plane curves. For Sophomores. Five credits, first semester.
- V. The Calculus. Functions, and principles of differentiation, maxima and minima, theories of inflexions, curvature, asymptotes, a brief treatment of integrals and integration with simpler applications. For Sophomores. Five credits, second semester.

PHYSICS.

- I. A study of the laws of Mechanics and Sound Mathematical treatment of the subject. Carhart, Part I. Five credits, first semester.
- II. Continuation of course I. Laws of Heat, Light, Electricity. Carhart, Part II. Five credits, second semester.

ASTRONOMY.

I. A recitation course in general descriptive Astronomy. Elective to students who have taken Physics I and II. Five credits, second semester.

CHEMISTRY AND MINERALOGY.

PROFESSOR COOK.

- I, II. General Chemistry. An elementary course in which the principles of the science are studied. The work consists of two recitations and four laboratory hours per week. Three credits through the year.
- III. QUALITATIVE ANALYSIS. This course consists of a systematic study of the principal metals and acids and methods for detecting them in simple and complex mixtures. Two lectures and eight laboratory hours per week. Four credits, first semester.

- IV. QUANTITATIVE ANALYSIS The estimation of metals and acids by gravimetric and volumetric methods. One lecture and eight laboratory hours per week. *Three credits, second semester.*
- V. CHEMISTRY OF CARBON COMPOUNDS. Three lectures and one quiz per week. Four credits, first semester.
- VI. ELEMENTARY THEORETICAL AND PHYSICAL CHEMISTRY. Three lectures and one quiz per week. Four credits, second semester.
- VII. Organic Synthesis. Preparation of organic compounds in the laboratory. *Three to five credits*. This course must be preceded or accompanied by course V.
- VIII. Physiological Chemistry. Qualitative examination of digestive juices and animal secretions. Urine analysis. *Three to five credits*. This course must be preceded by course V.
- IX. Assaying. Fire assays of gold, silver and lead. Volumetric determination of copper and lead. Three to five credits.
- X. ADVANCED QUANTITATIVE ANALYSIS. Three to five credits.
- XI. Research. Individual work along such lines as may be pursued to advantage. This course is open only to those who have special permission. *Credit to be arranged with instructor*.

Courses I, II, III, IV must precede all other courses.

MINEROLOGY.

I. Elements of Mineralogy. Includes the elements of crystallography, physical and chemical properties, occurrences, uses and determination of the more common minerals. Two lectures and two laboratory hours per week. Two credits. Must be preceded by course I in Chemistry.

II. DETERMINATIVE MINERALOGY. This course consists of the determination of minerals in the laboratory by means of their physical properties. *Two credits, second semester*. Must be preceded by course I.

BIOLOGY AND GEOLOGY.

PROFESSOR CHAMBERS.

The department is well equipped for work in general biology. The laboratory is supplied with modern appliances, microscopes, microtomes, preserving reagents and stains. A well-selected reference library is available to all students of the department.

- I. General Biology. Type forms, chiefly invertebrate, studied comparatively in series. Investigation and discussion of morphology, physiology and the fundamental laws of living things. Linville and Kelly's Zoology. Three credits, first semester.
- II. General Biology. Plant forms, chiefly cryptogamic, studied in series, from lowest to highest, with historic and critical consideration of some of the chief biological theories. Bergen and Davis, *Botany*. Three credits, second semester.
- III. OSTEOLOGY, THE VERTEBRATE SKELETON. A laboratory course upon the comparative anatomy of vertebrate skeletons. Prerequisite, I or equivalent. Three credits, first semester.
- IV. Comparative Anatomy of Vertebrates. A laboratory course in the dissection of vertebrates. Kingsley's Vertebrate Zoology. Three credits, second semester.
- V. HISTOLOGY. Practice in fixing, sectioning, mounting and staining tissues for microscopical study, with lectures on cytology and technic. Prerequisite, I. Six hours attendance. *Three credits, first semester*.
- VI. Physiology. Text and lectures on secretion, digestion, nutrition, absorption, circulation, respiration,

with special reference to histology of organs. Martin's Advanced Course or Equivalent. Six hours' attendance. Three credits, second semester.

Note.—Courses III, IV; V, VI will not be offered the same year. The preference of students will be consulted before choice is made.

- VII. Embryology. The early development of vertebrates, based largely on a study of the frog and chick from slides prepared by the student. *Minot's Guide* and other texts, with lectures. Prerequisite V. Six hours. *Three credits, first semester*.
- VIII. Bacteriology. Laboratory practice in preparing and sterilizing media, and in the isolation of pure cultures of bacteria. Lectures on the topics of spontaneous generation, the gerin theory of disease, immunity and related problems. Considerable laboratory practice should precede this course. Muir and Ritchie's Manual and others. Credit in accordance with work accomplished.
- IX. Morphology of Flowering Plants. A detailed study of the structure, development of type forms. Six hours. Three credits, first semester.
- X. RESEARCH. Students prepared to do so, may follow definite lines with a view to solving some special problem. Hours and credits arranged with instructor.

GEOLOGY.

I. Geology. The work in Geology consists of a thorough study of Leconte's Elements as a basis. In connection with this, important fossil types and methods for determining the common minerals are studied in the laboratory. Field trips are taken and special attention is given to geological reports on Pacific Coast and Northwest areas. Five credits, second semester.

THE ACADEMY.

The Academy is under the immediate charge of the Principal and his Assistants. The college Faculty has general direction regarding the course of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the different groups of studies offered in the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the Sub-preparatory studies. For admission to advanced standing, the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered, or its equivalent. It is desired and advised that students begin their studies at the opening of the First Semester, and enter one of the regular courses.

SUB-PREPARATORY STUDIES.

When there is a sufficient demand for them, classes in the following studies are formed for students not yet fitted for the regular Academy courses:

Written Arithmetic, Mental Arithmetic, Grammar, Geography, Reading, Physiology, Book-Keeping, United States History.

REPORTS.

A record of the work of each student is kept, and at the close of each Semester a report is sent to the parent or guardian.

ACCREDITED SCHOOLS.

Hood River Grammar School, Hillsboro Grammar School, Joseph Grammar School, Union Grammar School, Goldendale Grammar School, North Yamhill Grammar School and High School, Park Place Grammar School, Forest Grove Grammar School and Mitchell Grammar School.

Schools which desire to have their pupils thus admitted are requested to send to the Principal of the Academy their courses of study. All certificates should, if possible, be sent before Commencement.

EXAMINATIONS.

Examinations are held in each subject at the end of each Semester, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one Semester.

STUDY HOURS.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 a. m. to 12 m. and from 1 to 4 p. m.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses and regulations, see pages 15-19.

OUTLINE OF COURSES.

GROUP I. GROUP II.						
Latin, 5 5 5 English, 6	GROUP I.			GROUP II.		
English, 5 5 5	First Year.	S1	S2	First Year.	S1	S2
History, Algebra, 4 Freehand Drawing, 2 Eible, 1 1	Latin,	5	5	Latin,	5	5
Algebra, Freehand Drawing, Bible, 1 1 Second Year. S1 S2 Latin, 5 5 5 Algebra, 5 5 5 English, 3 3 3 History, 4 4 4 Bible, 1 1 Third Year. S1 S2 Latin, 5 5 5 Geometry, 6 6 Geometry, 6 Geometry, 7 6 Geometry, 6 Geometry, 7 6 Geometry, 8 Geometry, 8 Geometry, 8 Geometry, 9 6			5			5
Freehand Drawing, Bible, 1 1 1		5			5	
Bible,						
Second Year. S1 S2 Latin, 5 5 Algebra, 5 5 English, 3 3 History, 4 4 Bible, 1 1 Third Year. S1 S2 Latin, 5 5 Greek, 5 5 Geometry, 5 5 Mechanical Drawing, 2 Speaking, 1 1 Bible, 1 1 Fourth Year. S1 S2 Fourth Year. S1 S2 Fourth Year. S1 S2 Fourth Year. S1 S2 Latin, French or Geometry, 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1 Fourth Year. S1 S2 Latin, French or 5 5 Mechanical Drawing, 2 Astronomy,		1			1	
Latin, 5 5 5 Algebra, 5 5 5 English, 3 3 3 History, 4 4 4 Bible, 1 1 1 Third Year. S1 S2 Latin, 5 5 5 Geometry, 5 5 5 Bible, 1 1 1 Fourth Year. S1 S2 Latin, French or German, 5 5 5 English, 3 3 Geometry, 5 5 5 Mechanical Drawing, 2 Speaking, 1 1 Bible, 1 1 Fourth Year. S1 S2 Latin, French or German, 5 5 5 English, 3 3 Geometry, 5 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1 Fourth Year. S1 S2 Latin, French or German, 5 5 5 English, 3 3 Geometry, 5 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1 Fourth Year. S1 S2 Latin, 6 4 4 Greek, 5 5 5 Rhetoric, 3 3 3 Physics, 4 4 Bible, 1 1 Physics, 4 4 Bible, 1 1	Dible,				1	
Algebra, 5 5 English, 3 3 History, 4 4 Bible, 1 1 Third Year. S1 S2 Latin, 5 5 Greek, 5 5 Geometry, 5 5 Mechanical Drawing, 2 Speaking, 1 1 Bible, 1 1 Fourth Year. S1 S2 Latin, French or German, 5 5 English, 3 3 Geometry, 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 Fourth Year. S1 S2 Fourth Year. S1 S2 Latin, Cerek, Rhetoric, 3 Physics, 4 Aletoric, 3 Rhetoric, 3 Rhetoric, 3	Second Year.	S1	S2	Second Year.	S1	S2
Algebra, 5 6<	Latin,	5	5	Latin.	5	5
History, 4 4 4 Bible, 1 1 1 Third Year. S1 S2 Third Year. S1 S2 Latin, 5 5 5 Geometry, 5 5 5 Geometry, 5 5 5 English, 3 3 3 Geometry, 5 5 5 Mechanical Drawing, 2 Speaking, 1 1 Bible, 1 1 1 Fourth Year. S1 S2 Fourth Year. S1 S2 Latin, French or German, 5 5 5 English, 3 3 3 Geometry, 5 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1 Fourth Year. S1 S2 Fourth Year. S1 S2 Latin, 4 4 4 Greek, 5 5 5 5 Rhetoric, 3 3 3 Physics, 4 4 4 Bible, 1 1 Physics, 4 4 4 Bible, 1 1				Algebra,	5	
Bible, 1				English,		
Third Year. S1 S2 Latin, 5 5 5 Geometry, 5 5 5 Mechanical Drawing, 2 Speaking, 1 1 Bible, 1 1 Fourth Year. S1 S2 Latin, French or German, 5 5 English, 3 3 Geometry, 5 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1 Fourth Year. S1 S2 Latin, Geometry, 5 5 5 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1 Fourth Year. S1 S2 Latin, 6 4 4 Greek, 5 5 5 Rhetoric, 3 3 French or German, 5 5 Rhetoric, 3 3 Bible, 1 1 French or German, 5 5 Rhetoric, 3 3 Rhetoric, 3 3 Bible, 1 1						
Latin, 5 5 5 Geometry, 5 5 5 English, 3 3 3 Geometry, 5 5 5 5 5 English, 3 3 3 Geometry, 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 5 6 6 5 6	Bible,	Т	1	Bible,	1	1
Latin, 5 5 5 Geometry, 5 5 5 English, 3 3 3 Geometry, 5 5 5 5 5 English, 3 3 3 Geometry, 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 5 6 6 5 6	m1 1 1 TY	C -				
Greek, 5 5 5 Geometry, 5 5 5 Mechanical Drawing, 2 Speaking, 1 1 Mechanical Drawing, 2 Mechanical Drawing, 4 Mechanical Drawing, 4 Mechanical Drawing, 2 Mechanical Drawing, 4 Mechanical Drawing, 4 Mechanical Drawing, 2 Mechanical Drawing, 3 Mechanical Drawing, 4 Mechanical Drawing, 4 Mechanical Drawing, 3 Mechanical Drawing, 2 Mechanical Drawing, 3 Mechanical Drawing, 3 Mechanical Drawing, 2 Mechanical Drawing, 3 Mechanical Drawing, 3 Mechanical Drawing, 2 Mechanical Drawing, 3 Mechanical Drawing, 3 Mechanical Drawing, 4 Mechanical Drawing, 3 Mechanical Drawing, 3 Mechanical Drawing, 3 Mechanical Drawing, 4 Mechanical Drawing, 4 Mechanical Drawing, 4 Mechanical Drawing, 5 Mechanical Drawing, 4 Mechanical Drawing, 5 Mechanical Drawing, 4 Mechanical Drawing, 5 Mechanical Drawing, 5 Mechanical Drawing, 6 Mechanical Drawing, 7 Mechanical Drawing, 7 Mechanical Drawing, 8 Mechanical Drawing, 7 Mechanical Drawing, 8 Mechanical Drawing, 8 Mechanical Drawing, 8 Mechanical Drawing, 9 M	Third Year.	Si	52	Third Year.	S1	S2
Greek, 5 6 6 6 0 1 2 1 <td>Latin,</td> <td></td> <td></td> <td>Latin, French or</td> <td></td> <td></td>	Latin,			Latin, French or		
Mechanical Drawing, 2 Geometry, 5 5 5 5 5 5 5 5 5					5	5
Speaking, 1 1 Mechanical Drawing, 2 Astronomy, 4 Bible, 1 1			5			
Bible,			4			5
Bible, 1 1					2	
Fourth Year. S1 S2 Fourth Year. S1 S2 Latin, 4 4 Latin or English, 4 Rhetoric, 3 3 Physics, 4 4 Rhetoric, 3 3 Bible, 1 1 Physics, 4 4 Rhysics, 4 4 Physics, 4 4 Rhetoric, 3 3	Dible,	т			1	
Latin, 4 4 4 Latin or English, 4 Botany, 4 French or German, 5 5 Physics, 4 4 Rhetoric, 3 3 Bible, 1 1 Physics, 4 4					1	
Greek, 5 5 Botany, 4 Rhetoric, 3 3 French or German, 5 5 Physics, 4 4 Rhetoric, 3 3 Bible, 1 1 Physics, 4 4	Fourth Year.	S1	S2	Fourth Year.	S1	S2
Greek, 5 5 5 Botany, 4 Rhetoric, 3 3 French or German, 5 5 Physics, 4 4 Rhetoric, 3 3 Bible, 1 1 Physics, 4 4	Latin,	4	4	Latin or English.	4	
Physics, 4 4 Rhetoric, 3 3 8 Bible, 1 1 Physics, 4 4						4
Bible, 1 1 Physics, 4 4				French or German,		
I flysics,			_			
Bible, 1 1	Bible,	1	1			
				Bible,	1	1

Notes-1. Spelling will be required when necessary.

^{—2.} Group I leads to all Groups in the College and Group II leads to last four.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading Fabulæ Faciles, four books of Cæsar, six orations of Cicero, three books of Vergil's Aeneid and four books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course, special attention is given to Greek and Roman Literature.

Text-books: Collar & Daniell: First Year Latin; Allen & Greenough: Latin Grammar; Kelsey: Caesar and Cicero; any good edition of Vergil; Allen & Greenough; Ovid; Goodwin: Greek Grammar; White: First Greek Book; Botta: Handbook of Universal Literature; Bullfinch: Age of Fable; D'Ooge: Latin Prose Composition; Pearson: Greek Prose Composition.

Modern Languages. French is optional with German in Group II. in third and fourth years. For further information, see page 32.

MATHEMATICS. A year and a half is given to the study of Algebra, beginning with the second semester of the first year.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books: Wentworth's Elementary Algebra, and Plane and Solid Geometry.

FREE HAND DRAWING. The ability to sketch freely from still life is useful to all. As a preparation for the study of natural sciences, particularly Botany and Zoology, it is quite essential.

This course begins with the elements and aims to train the student in graphic expression. To that end boxes, vases and other simple forms are used as models: and later, simple objects found in biological study.

MECHANICAL DRAWING. This course is designed to teach the use of drawing instruments and includes the construction of mechanical drawings and sketches of machines. Courses in more advanced work may be offered later.

ENGLISH. The purpose of the work in English, which covers the four years of the Academy course, is primarily to train the student to express himself correctly and accurately in both oral and written speech-forms. It also seeks to create a taste for the best literature and to develope the imagination, which is too often dwarfed by wholly analytical methods. The classics studied and read are selected in accordance with the regular college entrance requirements.

First Year: (1) Review of Grammar and Punctuation. (2) Oral Composition. (3) Letter Writing. (4) Composition; a careful study of narration and description. (5) Speaking; the telling of fables and folk tales before the class. (6) Classics, The Vision of Sir Launfal; Ivanhoe; The Ancient Mariner and portions of the Sketch Book. Five credits through the year.

Text-book: Stebbins: A Progressive Course in English.

Second Year: (1) Composition-Literature, Scott and Denney. (2) Bi-weekly Themes; Narration. (3) Speaking; Myths of Greece and Rome told before the class. (4) Classics for careful study: The Lady of the Lake; The Merchant of Venice; Tales of a Traveler; The Passing of Arthur. Three credits through the year.

Third Year (First Semester): (1) Composition-Literature; Scott and Denney. (2) Fiction. (3) Speaking; Lyrics and Short Stories spoken before the class. Second Semester: (1) Exposition in Class-Room Practice; Text. (2) Weekly Themes. (3) Speaking, as in first Semester. (4) Classics for careful study: Shakespeare's Julius Caesar; Macauley's Addison and Milton; Shakespeare's Macbeth. Three credits through the year.

Fourth Year: (1) Principles of Rhetoric; Espenshade. (2) Exposition, first Semester. (3) Formal Essays. (4) Vocal Expression; Problems in expression, followed by longer selections. (5) Classics: Milton's L'Allegro and Il Penseroso; Comus and Lycidas; Burke's Speech on Conciliation. Three credits through the year.

Public Speaking. This course covers the four years of Academy study and is required of every student. It consists in the telling of fables, folk tales, myths and short stories before the class, and later in the memorizing and delivering of longer selections. Its aim is to give freedom and ease before an audience. Students are required to speak correct English. Members of the Fourth Year class are required to speak before the Academy during the year.

FOURTH YEAR ENGLISH. The course in English, alternate with Latin, consists of an appreciative study of the *Idylls of the King* with supplementary readings from other authors. *Four credits, first semester*.

Physics. A practical laboratory course, illustrating the elementary principles. Text-book: Millikan and Gale. Fee, \$2.00. Four credits through the fourth year.

Astronomy. Elementary course. Text-book: Todd's New Astronomy. Four credits, second semester.

BOTANY. Elementary course, Recitations, two hours; laboratory, six hours. Text-book: Bergen: Elements of Botany. Laboratory fee, 50 cents. Four credits, second semester.

HISTORY. Greek and Roman History are taught during the first semester of the first year. General European

History from the fall of the Roman Empire during the second year.

Text-book: Myers: Ancient History; Robinson: History of Western Europe, and other books.

Common English Branches. During the Sub-preparatory year, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling, United States History.

BOOKKEEPING is taught as a special study. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general education than can be secured at a business college.

Text-book: Williams & Rogers: Office Routine and Bookkeeping.

Shorthand and Typewriting, under an experienced instructor, together with Bookkeeping, Grammar, Arithmetic, Spelling and Penmanship provide a practical business course for those who do not care for a more extended stay at a business college. Students who wish to make business training their chief aim may thus serve their purpose and at the same time enjoy the privileges and benefits of attendance at the University. Those who wish the business branches may also elect studies in the College or Academy courses; and one or more of the business subjects may be taken, upon payment of the special fee, by those pursuing a regular course.

The tuition for either stenography or typewriting is \$7.50 per semester. If both are taken together the tuition is \$11.00 per semester, including use of the machine.

BIBLE STUDY. The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The work of the Sub-preparatory and first year begins with the study of Genesis and extends through the Second Book of Samuel.

Second year begins with the First Book of Kings and extends through Nehemiah, with portions of the Prophets.

Third year, the Life of Christ, as contained in the Four Gospels, with supplementary topics.

Fourth year, the Founding of the Christian Church and the Life of Paul, as contained in the Acts of the Apostles and the Epistles.

PRIZES. On "Academy Day," at Commencement, a prize declamation contest is held between six members of the Fourth Year Class, for which two gold medals are awarded.

A gold medal is also awarded to the member of the Fourth Year Class attaining the highest standing in scholarship during the last two years of the Academy course.

CONSERVATORY OF MUSIC.

PROFESSOR CHAPMAN, DIRECTOR.

The Conservatory of Music, as one of the departments of the University, is under the same general management as the other departments and under the special direction of Professor F. T. Chapman, who, with assistant teachers, offers courses in Vocal, Piano, Organ and Violin; also courses in Harmony, Theory, History of Music, Ensemble and Choral Work.

The courses are designed for both those studying professionally and for those who study music as a part of the culture to be derived from a college or academic education.

The faculty comprises teachers who are specialists in their several departments and who have had exceptional advantages of study.

The aim of the Conservatory is to give the best and most comprehensive instruction with the smallest possible expense to the student.

Free Privileges. All the recitals by the pupils, the ensemble work, where the pupil is sufficiently prepared, and the choral work are free to pupils, a mere nominal fee attaching to the latter.

ARTISTS' COURSE. No less important than lessons is the hearing of great artists. The Director expects to present a course of recitals and lectures by foreign and home artists, which will be educational and comprehensive.

ADVANTAGES. Students have access to the library of the University, which is fully adequate, musically, for research and study. Students receive, free, the benefit of appearing on recital programmes several times a year, when sufficiently advanced.

The Director will hear the pupils of the first assistant teacher in the presence of the teacher at least once each semester. He will hear the pupils of the second assistant teacher several times each semester. No superficial work will be tolerated in teacher or pupils, and the best artistic results possible will be required by the Director in all departments.

The Conservatory has been strengthened by new and enlarged quarters and by the addition of new instruments for concert and studio use, including two magnificent concert grand pianos and two other pianos.

The concert grand pianos are made by the Baldwin Piano Company of San Francisco.

DIPLOMAS. Diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course in piano, violin and voice.

Candidates for graduation must have completed a course of academic study equivalent to that of Tualatin Academy.

TUITION AND OTHER EXPENSES.

Lessons with Director of the Depart-

ment. — Private lessons, Piano,	
Violin and Voice—	
18 1	weeks.
Two per week (one-half hour each)\$35.00 ea	ch semester
One per week (one-half hour each) 18.00 "	
Lessons with the First Assistants.—	
Private lessons, Piano, Organ and	
Voice—	
Two per week (one-half hour each) 22.50 "	• • • • • • • • • • • • • • • • • • • •
One per week (one-half hour each) 12.00 "	"
Lessons with the Second Assistant.—	
Private lessons, Piano and Organ	
and Voice—	
Two per week (one-half hour each) 17.00 "	"
One per week (one-half hour each) 12.00 "	
Harmony (in class) 7.50 "	ee
History of Music (in class) 4.50 "	
Rent of Piano, per month (1 hour per day)\$	0.50 to \$0.75

Rent of Piano, per month (2 hours per day).... 1.00 to 1.25 Rent of Piano, per month (3 hours per day).... 1.50 to 1.75

Pupils may make special arrangements with the Instructor for hours of piano practice.

Although not compulsory, it is advisable that pupils

in all departments take two lessons per week.

No lessons missed by the pupils can be made up.

In case of severe sickness of pupils, lessons lost will be made up by the teacher at such times as he shall appoint for them.

No pupils are received for less than an entire semester or such portion of it as remains after entrance.

Tuition for the semester must be paid in advance, and no deduction will be made for absences unless by special arrangement.

COURSES OF STUDY.

THE PIANO-FORTE.

PREPARATORY.

Kohler's Method.

Arpeggios, Scales, Selected Czerny Studies, Heller's Etudes, Kuhner Etudes, Bach, Sonatinas by Clementi, Kuhlau, Sonatas by Haydn, Mozart. Easy pieces.

ACADEMIC.

Etudes, Czerny; Heller op. 46 and 47, Cramer, Studies; School of Octave Playing, C. H. Doring; Kuhner Etudes; Octave Studies, Low; Studies, Taussig; Sonatas, Beethoven; Concert Works, Mendelssohn, Schumann; Well-tempered Clavichord, Bach; Concert Works, Chopin, Grieg, Rubinstein, St. Saens, MacDowell, etc.

COLLEGIATE.

Op. 10 and 25, Chopin; Octave Studies, Czerny; Studies in Double Thirds, Taussig; Gradus Ad Parnassum, Clementi; 24. Studies, Moscheles; Concertos and Concert Works, Chopin, Schumann, Beethoven, Liszt, Rubinstein, St. Saens, Schutt, Grieg, etc.

VIOLIN.

PREPARATORY.

David or Hermann's Violin method.

Daily Exercises, Schradieck; Etudes, Kayzer, Mazas.

Easy pieces by Dancla, J. Weiss, Papini, Hauser, etc.

ACADEMIC.

David's Method, second part.

Etudes, Kreutzer; Daily Exercises, Schradieck; Studies in Thirds, Sixths, Octaves; Etudes; Fiorillo; Con-

certos in Concert Pieces by DeBeriot, Kreutzer, Rode, Alard, Vieuxtemps, Wieniawski, etc.

COLLEGIATE.

Caprices, Rode; Studies, Paganini; Sonatas, Concertos and Concert Pieces by Paganini, Mendelssohn, Beethoven, Bach, Spohr, Bazzini, Wieniawski, Sarasate, etc.

VOICE CULTURE.

In this department special attention is given to a natural and skillful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

PREPARATORY.

Voice development, Principles of breathing. Voice placing, sight singing (if necessary). Exercises by Abt, Sieber, English songs. First year of Piano-forte course (a) (b).

ACADEMIC.

Vocalises by Vaccai, Marchesi, Concone, Italian pronunciation, Italian and English songs.

Harmony: Two semesters, Chorus Class.

COLLEGIATE.

Advanced vocalises.

Italian, English, French and German songs. Concert, Oratorio, and Opera Arias.

THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality, Principles of simple chord construction.

HARMONY. Richter's Principles of Four-Part Composition; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

Strict and Free Counterpoint, two to four parts—Imitation, Canon, Fugue, Composition.

HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students, and programmes illustrating the different periods and styles of musical composition are given by the teachers.

ART DEPARTMENT.

MISS BAIN.

The aim of this department is not only to teach its pupils to draw and paint; but to appreciate Art, to see beauty in nature, and to know why a good picture is a good picture. The laws that govern all work in Art must be mastered before the student is ready even to think of making a picture, and as rapidly as the student advances more finished work is required of him. All work is from the model, or from life, both indoors and outdoors, and comprises a course in charcoal and colors. Those mediums which ought to be used by a finished artist are discouraged. For a student in college only two lessons of one hour each, or one three-hour lesson a week is recommended.

TUITION.

Two lessons per week (I hour each), \$12.00 a semester of eighteen weeks. Tuition for the semester must be paid in advance.

COLLEGE STUDENTS.

1906-1907.

GRADUATE STUDENTS.

Akiyoshi, Tatsujiro, Kyoto, Japan The Doshisha, Kyoto, Japan. Ferrin, Livia Ella, Forest Grove

A. B., Pacific University.

SENIORS.

Boldrick, Sarah Pamela Chandler, Wilma Pearl Fitch, Caroline Estelle Markel, Howard Hill Moseley, Ethel Belle Peters, John William

Forest Grove Forest Grove Cornelius Davis, Ill. Ellsworth, Wash, Hillsboro

JUNIORS.

Aller, Daniel Irwin Arnston, Herbert Haves Clapp, Frances Benton Clapp, Gordon Adams Heidel, Wilhelmina Esther Imlay, Robert Alexander Lawrence, Samuel B. Logan, Ralph E. Mason, Claude D. Silverman, Esther Sparks, Hugh Walter

Oakland, Cal. Forest Grove Forest Grove Forest Grove Hillsboro Reedville Sherwood Stevensville, Mont. Boise, Ida. Skamokawa, Wash,

SOPHOMORES.

Abernethy, Frances Mary Chandler, Helen Willena Davis, Harry Fisher Holmes, Martha Fredrika Humphreys, Harry Pembroke Ward, James Richard Waterman, Virgil Witham, Hermon Ernest

Forest Grove Forest Grove Portland Hillsboro Hillsboro Kelso, Wash. The Dalles Boise, Ida.

Forest Grove

FRESHMEN.

Abraham, Vestal Raul Allen, Alton Covell Allen, Clarence Alan Briedwell, Glenn Le Sueur Brown, George Gordon Ferrin, Haskell Ela Fitch. Ruth Helen Gregory, William Lair Hill Gwynn, William Elisha Hilts, Jonathan Urban Hoge, Jessie Mary Kirkwood, Albert Allen Koch, Charles Franklin Pitman, Emma Robinson, Alexander Robinson, Reginald Templeton, Maverne

Forest Grove Beaverton Portland Amity Forest Grove Forest Grove Cornelius Portland Woodburn Forest Grove Forest Grove Forest Grove Portland Forest Grove Hillsboro Hillsboro Forest Grove

SPECIAL.

Bain, Lilian Pherne Kori, Mrs. Alexis Ben Eddyville Forest Grove

ACADEMY STUDENTS.

1906-1907.

FOURTH YEAR.

Abraham, Ralph Lee Abraham, Richard Iams Bechen, Carrie Isedora Belknap, Lorena Constance Bollinger, Helen Emma Child, Alexander Finney Clement, Alice Greear, Pearl Hawley, Lepha Marie Hollinger, Maud Holmes, Thorgny Hoonan, Patrick Henry, Jr., Jensen, Willis Earl Kirkwood, Bertha Mary Knight, Fred Stuart Markel, Frank Lee Murphy, Loretta Belle Stearns, Ethella Stoughton Thomas, Amy Georgia Wagner, Augustus Allison Weatherred, John Robert Wilson, Christine Elizabeth

Forest Grove Forest Grove Hillsboro Hillsboro Portland Meridian, Ida. Beaverton Hillsboro Amity Forest Grove Hillsboro Aberdeen, Wash. Forest Grove Forest Grove Forest Grove Davis, Ill. Forest Grove Portland Dufur Forest Grove Hillsboro Rainier

THIRD YEAR.

Abernethy, Camilla Dix
Abernethy, Mizpah Ione
Brown, David Coulter
Bryant, Sumner Elihu
Chalmers, Elizabeth Catherine
Chalmers, Helen Ross
Corwin, Katharine Faye
Fletcher, Eva
Fowler, Cassius Francis
Gardner, Lawrence Lewis

Forest Grove Forest Grove Scappoose Clatskanie Forest Grove Forest Grove Hillsboro Forest Grove Goble Oregon City Gould, Vernon Vincent
Johnson, Annie
Luce, Helen
Miller, Ada V.
Payne, Elias Seymour
Rasmusen, Jennie Christine
Rice, Daisy Annita
Taylor, Donald John
Williams, Ray Terrie

Forest Grove
Gaston
Forest Grove
Woodland, Wash.
Snohomish, Wash.
Forest Grove
Clatskanie
Forest Grove
Forest Grove

SECOND YEAR.

Atkinson, Willamonia May Bishop, Helen Cornelia Burris, Victor Earl Clapp, Edson Dwinell Corl, Edna Iveryne Denney, Robert Benjamin Ferrin, Holman Boynton Fletcher, Mavilla Ruth Greer, Cecelia Rosa Harding, Lillia Grace Harding, Robert Ralph Hope, Leslie Lisle Johnson, Nellie Annie Jones, Zulah Vern Moore, Willabelle Mobley, David Abner Peterson, Goldie Roverta Rasmussen, Marv Robinson, Frances Silverman, Arthur Litten Smith Leila Fern Templeton, Florence Olive Thomas, Ruth Hale Ward, Charles Edwin Williams, Jasper Franklin

Hillsboro Forest Grove Madras Forest Grove Forest Grove Beaverton Forest Grove Portland Hillsboro Gaston Gaston Vale Hillsboro Ilwaco, Wash. Hillsboro Forest Grove Forest Grove Reedville Hillsboro Skamokawa, Wash. Greenville Forest Grove Forest Grove Kelso, Wash.

Seattle, Wash.

FIRST YEAR.

Avery, Florence Elizabeth Bishop, John Egbert Boldrick, Mary Helen Chalmers, Esther Emily Dant, Ella Myrtle Denney, Thomas Bruce Gardner, Winogene Grosse, Frederick Bernard Hattan, Bessie Hazlitt, Herbert Grimson Imlay, Grace Isabella Ireland, Beula Belle Jenkins, Mabel Ethel Jesse, Avon Carl Miller, Wilson Berryman Mills, Arthur Earnest Murphy, Golda Lou Morelock, Carroll Morse Orr, Frances C. Reeher, Benjamin Harrison Robinson, Albert Showers, Eugenia May Smith, Harold Thomas, Grace Margaret Thomas, Howard Mendle Walker, Edith June Watkins, Walter Vane Wood, Raymond L.

Hood River Forest Grove Forest Grove Forest Grove Reedville Beaverton Oregon City Sherwood St. Helens Forest Grove Reedville Greenville Hood River Aurora Seattle. Wash. Forest Grove Forest Grove Beaverton Forest Grove Wilson Hillsboro Forest Grove Grants Pass Forest Grove Forest Grove Forest Grove Forest Grove Forest Grove

SPECIAL.

Adams, Darrell Goodrich Bailey, Thomas Chambers Baker, Ruel Nolan Boorman, Helen Edith Burnett, Elsie May Curtis, Ora Belle Cornelius Hillsboro Greenville Hood River Greenville Vale Edwards, Charlotte Brown Fisk, Nettie Mires, John Rowland Montgomery, Eva Etha Nichol, Tamar Pollock, Harry Colburn Scott, Alexander Marion Scott, Elsie Elizabeth Shannon, Mary Katharyne Sparks, Mary Gracia Underwood, Jennie Adeline Sherwood
Scholls
Ellensburg, Wash.
Forest Grove
Whitehaven, Eng.
Fernie, B. C.
Gaston
Forest Grove
Forest Grove
Orchards, Wash.
Forest Grove

STUDENTS IN CONSERVATORY OF MUSIC.

Abernethy, Daisy S. F. Abernethy, Mizpah Ione Aldrich, Hazel Belknap, Lorena Constance Boldrick, Mary Helen Bollinger, Helen Emma Boorman, Helen Edith Boyd, Paul Carlisle, Ava Carlisle, Elizabeth Clapp. Edson Dwinell Clapp, Frances Benton Clapp, Gordon Adams Clement, Alice Corwin, Katharine Faye Curtis, Ora Belle Denney, Robert Benjamin Edwards, Charlotte Brown Ericson, Mrs. Nellie Ferrin, Haskell Ela Fletcher, Mavilla Ruth Gregory, William Lair Hill Haines, Grace Haines, Ruth Hall. Vivian Hancock, Margaret Hanley, Mrs. Maybelle Hattan, Bessie Haynes, Claire Hoffman, A. G. Hoffman, Aileen Frances Hoffman, Reba Frances

Hoge, Jessie Mary

Hope, Leslie Lisle Imlay, Grace Isabella

Hollinger, Maud

Forest Grove Forest Grove Forest Grove Hillshoro Forest Grove Portland Hood River Forest Grove Forest Grove Forest Grove Forest Grove Forest Grove Forest Grove Beaverton Hillsboro Vale Beaverton Sherwood Forest Grove Forest Grove Portland Portland Forest Grove Forest Grove Forest Grove Forest Grove Forest Grove St. Helens Forest Grove Forest Grove Forest Grove Forest Grove Forest Grove Forest Grove Vale

Reedville

Jenkins, Lucy Jesse, Avon Carl Johnson, Annie Kirkwood, Bertha Mary Knight, Clara Knight, Maud Frances Kori, Mrs. Alexis Ben Leiser, Leah Emma Lilly, Kate Markel, Frank Lee Mills, Edna Moseley, Ethel Belle Nichol, Tamar Patterson, Mrs. Maude Peterson, Goldie Roverta Peterson, Pearl Ethel Rasmusen, Jennie Christine Rice, Daisy Annita Scott, Elsie Elizabeth Sewell, Alice Eleanor Shannon, Mary Katharyne Shannon, Maude Agnes Smith. Leila Fern Staehr, Emma Steigleder, Pearl Stewart, Edna Stott, Helen G. Thomas, Amy Georgia Wagner, Augustus Allison Walker, Charles Lovell Ward, Charles Edwin

Hood River Aurora Gaston Forest Grove Forest Grove Forest Grove Forest Grove Vancouver, Wash, Forest Grove Davis, Ill. Forest Grove Ellsworth, Wash. Whitehaven, Eng. Forest Grove Forest Grove Forest Grove Forest Grove Clatskanie Forest Grove Hillshoro Forest Grove Forest Grove Greenville Forest Grove Forest Grove Forest Grove Sheridan Dufur Forest Grove Forest Grove

ART STUDENTS

Moseley, Ethel Belle Sewell, Alice Eleanor Shannon, Mary Katharyne Wilson, Christine Elizabeth Ellsworth, Wash. Hillsboro Forest Grove Rainier

Kelso, Wash.

PACIFIC UNIVERSITY.

SUMMARY OF STUDENTS.

College	46
Academy	111
Conservatory of Music	67
Art Students	4
Total	228
Deduct number counted more than once	40
Total number of different students for the Academic	
year 1906-1907	188

OFFICERS OF THE ASSOCIATE ALUMNI. PRESIDENT.

Lois (Parker) Myers, 1899......Portland VICE-PRESIDENT.

Chester K. Fletcher, 1906......Pueblo, Col. SECRETARY AND TREASURER.

Margaret Hinman, 1891......Forest Grove

ALUMNI.

1863

Harvey W. Scott, A. M., Editor-in-Chief, Oregonian

1866

Geo. H. Durham, A. M., Attorney-at-Law

Myron Eells, A. B., D. D., obit. 1907 Edward B. Watson, A. M., Attorneyat-Law

1867 John Q. A. Bowlby, A. M., Attorney-

at-Law

J. Elkanah Walker, A. M., D. D., Missionary, A. B. C. F. M.

David Raffety, B. S., M. D., Physician

1868

Charles C. Hall, A. M., Farmer Thomas H. Tongue, A. M., obit. 1903

1869

Jacob Hoover, A. M., obit. 1898 Raleigh Stott, A. M., obit. 1901 Harriet (Hoover) Killin, M. S.

Spokane, Wash.

Portland Portland

Portland

Hillsboro

Portland

Grants Pass

Twana, Wash,

Portland

Astoria

Foochow, China

Portland

1870

Frank L. Stott, A. B., obit. 1873 Addison A. Lindsley, A. B., Business Georgiana (Brown) Bowlby, M. S. Phoebe Irene (Clark) Davis, M. S. Candace A. (Neal) Luce, M. S.

Gaston Portland Astoria Cleone Forest Grove

1872

Henry B. Luce, A. B., Miner

Forest Grove

1873

Levi C. Walker, A. M., County Surveyor

Forest Grove

William R. Bilyeu, B. S., Attorneyat Law

Albany

W. D. Lyman, A. M., Professor of History and of the English Language and Literature, Whitman College Mary (Goodell) Burt, M. S.
Sarah I. Lyman, M. S.

Walla Walla, Wash. Yoncalla Portland

1874

Eugene P. McCornack, A. B., Banker
Herbert F. McCornack, A. B., M. D.
Willard H. Latourette, B. S., Baptist
Clergyman
Jacob G. Stevenson, B. S., Farmer

Salem Eugene

McMinnville Fort Klamath Mohler, Wash.

1875

Hattie (Martin) Vestal, B. S. S. Belle (Putnam) Walker, M. S.

Dora (Henshaw) Morgan, M. S.

Snohomish, Wash. Forest Grove

1876

Edward M. Atkinson, A. B., Attorneyat-Law,

Oregon City

Hatstara Tamura, A. M., Principal Female Seminary

Kyoto, Japan

James T. Martin, B. S., (M. D., University Michigan, 1883), Physician Yei Nosea, A. M., obit. 1895 Kin Saito, B. S., (LL. B., University Michigan, 1871), Chief Justice of the Court of Hokkaido Ella (Watt) Jackson, M. S.

Sacramento, Cal. Tokio, Japan

Hakodate, Japan Portland '

1877

William K. Curtis, B. S., Farmer Charles W. Schaff, B. S., M. D. Tabitha A. (Clark) Ebert, M. S.

Forest Grove Lewiston, Ida. Vancouver, Wash

1878

Laura M. (Hoxter) Whalley, A. B. DeWitt Clinton Latourette, A. Attorney-at-Law and Banker Horace S. Lyman, A. M., obit. 1905 Ella (Scott) Latourette, A. M. Milton W. Smith, A. M., Attorney-at-Law

Portland

Oregon City Astoria Oregon City

Mary A. (Cresswell) Simard, M. S. Mary S. Eaton, M. S., obit. 1882 Elvia H. Fearnside, M. S., obit. 1879 Mary F. (Lyman) McCoy, M. S. Samuel R. Stott, B. S., Attorney-at-Law Baker City

Portland Freewater Oswego Forest Grove Portland

1879

William N. Barrett, B. S., Attorneyat-Law Frank M. Beckwith, B. S., Farmer

Hillsboro Mayview, Wash.

1880

Newton McCoy, A. B., Attorney-at-Law Portland 1881

George W. Coplen, A. B., obit. 1898 John T. Whalley, A. M., Attorney-at-Law

Latah, Wash.

Portland

J. Alfred Watt, B. S., (M. D. Univ. of Michigan) Physician

Hood River

1882

Mitchell Gilliam, A. B., Attorney-at-Law, Circuit Judge Barnett, Y. Roe, A. B., Postmaster Mary Virginia Keene, M. S., Teacher

Seattle, Wash. Dewey Albert

1883

Napoleon Davis, A. M., Farmer Adelaide (Poppleton) Harding, A. B. Anna (Jackson) Prosser, M. S. Cleone Portland Martinez, Cal.

1884

Joseph Beek, A. B.

Portland

1885

Marion C. Adams, A. B., Teacher Margaret J. (Macrum) Byrd, M. S. Silas M. Shipley, B. S. (LL. B., University Oregon, 1888), Attorneyat-Law Stites, Ida. Salem

Seattle, Wash.

1886

James R. Marsh, A. B., Farmer J. Wheelock Marsh, A. B., Teacher Laura (Marsh) Cadwell, M. S., obit.

Aurora Hilo, Hawaii

Forest Grove

1887

William D. Wood, A. B., (M. D., University Michigan, 1890), Physician
Callie (Campbell) Montgomery, M. S.
Mary Gray, M. S., obit. 1890
Ethel Gray, M. S., M. D. (University of Oregon, 1899)
Nellie (Woods) Adams, M. S.
J. C. Clark, B. S., Physician

Hillsboro Glendale Portland

Portland Vancouver, Wash. Santa Cruz, Cal.

1888

Estella S. Porter, A. B., obit. 1889 Fred N. Hallett, B. S., Merchant Frank Hinman, B. S. William P. Marsh, B. S. (A. B., U. Vt., 1895), with Mason & Hamlin John U. Smith. B. S. (LL. B., University Oregon, 1890) Attorney-at-Law Hilo, Hawaii

Forest Grove Lewiston, Ida. Forest Grove

Boston, Mass.

1889

Mattie E. (Koontz) Smith, B. S. Sidney E. Marsh, A. B., obit. 1890 Clay McNamee, B. S., Attorney-at-Law Grangeville, Ida.

Hilo, Hawaii Port Townsend, Wn.

1890

William S. Macrum, A. B. (LL. B., Univ. of Oregon, 1897), Bank Teller Portland Gustaf Walter Nelson, A. B., Congregational Clergyman Mary Ellen Lee, M. S., Teacher Alexander C. Alexander, B. S., Farmer Forest Grove Lafayette Lincoln Bush, B. S., Merchant Bay Center, Wash.

St. Johns Bellingham, Wash.

1891

William A. Bates, B. S., Bookkeeper Margaret Hinman, B. L., Bookkeeper John S. Hodgin, B. S., Attorney-at-Law John A. Lee, A. B., Attorney-at-Law Mary E. (Patton) Snider, A. B. Asa B. Snider, A. B., Pacific Theological Seminary, Congregational Clergyman

Corvallis Forest Grove Enterprise Portland Cloverdale, Cal.

Cloverdale, Cal.

1892

William A. Bond, B. S. Jesse R. Caples, B. S., Merchant Ernest E. Merges, B. L., Attorney-atlaw

Chehalis, Wash. Portland

Portland

Edward L. Naylor, B. L., Stock Grower Forest Grove Pem Patton, B. S., Farmer

Gaston

1893

E. Austin Bond, A. B., Teacher Nancy B. (Morrison) Thomas, B. L. Horace D. Stewart, A. B., Business Loring V. Stewart, A. B., LL. B. and M. L. (Yale), Business Dwight H. Thomas, B. S., Farmer Edith L. (Tongue) Reames, B. L.

Blaine, Wash. Portland Dayville

Dayville Portland **Tacksonville**

1894

Thomas Hayes Adams, A. M., Banker Austin Craig, M. L., Div. Supt. of Schools Fred Ross Smith, A. B., Merchant

Vancouver, Wash,

Mindoro, P. I. Sheridan, Wyo.

1895

Florence McKercher, A. B., obit, 1898 William S. Shiach, A. B., Attorney-at-Law

Portland

Colfax, Wash,

1896

Ruel M. Bisbee, B. S., Farmer Ida M. Eells, A. B., Teacher M. Catherine (Lansing) Robertson, A. B. John W. Macrum, B. S., Civil Engineer Spokane, Wash. Emma E. (Stewart) Bradley, A. B.

Forest Grove Tacoma, Wash.

Berkeley, Cal. Corvallis

1897

Philip E. Bauer, B. S., Chicago Theo. Seminary, Congregational Clergyman

Akron, O.

Charles E. Bradley, M. S., Assistant Chemist in O. A. C.

Corvallis

Harvey H. Hartley, A. M. (M. D., Univ. of Oregon, 1900), Physician

Goldendale, Wash.

1898

Homer C. Atwell, A. B., Postmaster Lorena Gleason, B. L., Teacher Joseph E. Kirkwood, A. B., Ph. D. Columbia University, Professor of Botany, Syracuse University Frederick L. Marsh, A. B., D. M. D., N. P. Dental College, Dentist John X. Miller, A. M., Missionary

A. B. C. F. M.

Forest Grove Goldendale, Wash.

Syracuse, N. Y.

Woodburn

Madura, India

1899

Liberta Brown, A. B., (A. M. Columbia Univ.) Teacher Whitworth College Blanche L. (Garrison) Bauer, B. L. George L. Haskell, B. S., Business Minnie May (Lieser) Fletcher, A. B. Lois West (Parker) Myers, A. B. Horace M. Ramsey, A. B., Episcopal Clergyman, (A. M. Pacific University, 1901). Beulah Warner, A. B., Student Tacy (Wilkinson, Atkinson, B. L., Missionary, A. B. C. F. M.

Tacoma, Wash. Akron, O. Ambridge, Pa. Pueblo, Colo. Portland

Portland Berkeley, Cal.

Turkey

1900

Vinson Evan Boardman, B. L., Student Chicago William Thomas Fletcher, B. S., Principal High School Lynn Lancefield, B. L., Business Jessie Lancefield, A. B., Teacher Winifred (Marsh), Whittelsey, B. L., (B. L. Smith) Ella Sabena Mason, B. L., Teacher

Pueblo, Colo. McMinnville Amity

Evanston, Ill. Portland

Alfred Deihl Schoch, B. S., (Ph. D. Cornell University) Student James Wesley Shiach, A. B. Thomas H. Tongue, Jr., B. L., (LL. B., Columbian Univ.) Attorney-at-Law Hillsboro Jeremiah Walker, B. L., Business

Bonneterre, Mo. Seattle, Wash.

Axford, Wash.

1901

Archibald Anand Atkinson, A. B., (M. D. Cooper Medical College) Lora Fern (Butler) Conn. B. L. Rose Jane (Long) Wood, B. L. Gertrude Emily (Marsh) Hall, B. L. Alfred Myron North, B. S., Teacher Fern Frances Stout, A. B., Teacher Mildred Mary Tibbals, A. B., (A. M.,

Wellesley College) Teacher Elda Rema Walker, A. M., (Ph. D., University of Nebraska, 1907.) Adjunct Professor of Botany State University

Leva Belle Walker, A. B., Assistant Botanist and Fellow, State University

San Francisco, Cal. Lakeview Helena, Mont. Clatskanie Terre Haute, Ind. Portland

Salt Lake City

Lincoln, Neb.

Lincoln, Neb.

1902

Walter A. Dimick, B. S., Attorney-at-Law Richard Walter Faulkner, B. S., Busi-Vesta Muzella Lewis, A. B., Teacher Abel Meresse, B. S., Editor Harold Burr Millis, B. S., Civil Service Manila, P. I. Harriet Eva Scholfield, B. L. Arthur Elias Yoder, B. S., Teacher

Oregon City

Portland Vancouver, Wash. Condon Cornelius Malolos, Bulacan, P. I.

1903

Mary (Bailey) Clarke, B. L.	Milford, Cal.
Fred Day, A. B., Claim Adjustor, Har-	Dontlond
riman System Victor E. Emmel, M. S., (Ph. D. Brown	Portland
Univ. 1907), Teaching Fellow, Har-	
vard University	Cambridge, Mass.
William G. Hale, B. S. (LL. B., Har-	
vard, 1906), Attorney-at-Law	Portland
William G. Hare, B. L. (LL. B., Michi-	TT*11-1
gan Univ. 1906), Attorney-at-Law Frederick E. Vrooman, B. S., Business	Hillsboro Portland
1904	1 Of trains
Mabel E. Hoge, B. L., Librarian	Portland
Thomas Robinson, A. B., Clergyman	Watertown, N. Y.
Harriet J. Yoder, B. L., Bookkeeper	Portland
1905	
William A. Hall, A. B., Druggist	Clatskanie
Melvin W. Markham, A. B., Business	Portland
R. Frank Peters, A. B., Farmer	Hillsboro
Lottie S. Peters, A. B.	Hillsboro
John W. Philbrook, A. B., Teacher	Calumpit, Bulacan P. I.
William B. Shively, A. B., Law Student	Portland
Horace E. Thomas, A. B., Reporter,	D
Oregonian	Portland
Ethel G. Waters, A. B., Teacher High School	St. Johns
20.001	or, joining
1906	
Daniel D. Bump, A. B., Law Student	Hillsboro
Livia E. Ferrin, A. B., Teacher, Pen-	D 11 .
dleton Academy	Pendleton
Chester K. Fletcher, A. B., Teacher,	

Pueblo High School Clara I. Irvin, A. B., Teacher Pueblo, Colo.

Fossil

Arthur J. Prideaux, A. B., Teacher, Willamette University
William B. Rasmusen, A. B., Law Student, University of Washington
Frances T. Sorensen, A. B., Teacher
Willard H. Wirtz, A. B., Reporter,
Evening Journal

Salem

Seattle, Wash. Forest Grove

Portland

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PACIFIC UNIVERSITY.



